

STATUS OF THE CLAIMS:

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1. (amended) A system for monitoring the status of a pressurized automotive cooling system environment, said monitoring system comprising:

a manifold ~~for connection to~~ connected to said pressurized automotive cooling system environment;

a low pressure switch on said manifold for sensing when a preset minimum limit has been reached in said pressurized automotive cooling system;

~~an~~ a low pressure alert display connected to said low pressure switch for displaying an alert when the pressure of said ~~environment~~ automotive cooling system is below a said minimum preset limit;

a high pressure switch on said manifold for sensing when a preset maximum limit has been reached in said pressured automotive cooling system; and

~~an~~ a high pressure alert display connected to said high pressure switch for displaying an alert when the pressure of said ~~environment~~ automotive cooling system is above a said preset maximum limit.

2. (amended) The system of claim-2 1 wherein said system further includes:

a pressure gauge connected to said manifold for displaying the pressure of the pressurized automotive system said environment.

3. (original) The system of claim 1 wherein said low pressure alert display is an LED display.

4. (original) The system of claim 1 wherein said high pressure alert display is an LED display.

5. (original) The system of claim 2 wherein said pressure gauge is a mechanical pressure gauge.

6. (original) The system of claim 2 wherein said pressure gauge is an analog pressure gauge.

7. (original) The system of claim 2 wherein said pressure gauge is a digital pressure gauge.

8. (amended) The system of claim 1 wherein said system further includes:
a pressure gauge connected to said manifold for displaying the pressure of the pressurized automotive cooling system ~~said environment~~;

said low pressure alert display is an LED display mounted on said pressure gauge; and
said high pressure alert display is an LED display mounted on said pressure gauge.

9. (original) The system of claim 2 wherein said pressure gauge includes:
a fluorescent dye with an ultraviolet light source.

10.(amended) The system of claim 1 wherein the pressurized automotive cooling system ~~said pressurized environment~~ includes:

a coolant system for an internal combustion engine.

11. (amended) A system for monitoring the status of a pressurized automotive cooling system ~~environment~~, said system comprising:

a manifold connected to a for connection to said pressurized automotive cooling system ~~environment~~;

a low pressure switch on said manifold for sensing when the pressure in the pressurized automotive cooling system is below a preset minimum limit;

~~an~~ a low pressure alert display connected to said low pressure switch for displaying an alert when the pressure of the pressurized automotive cooling system ~~said environment~~ is below a preset minimum limit;

a high pressure switch on said manifold for sensing when the pressure in the pressurized automotive cooling system is above a preset maximum limit;

~~an~~ a high pressure alert display connected to said high pressure switch for displaying an alert when the pressure of ~~said environment~~ the pressurized automotive cooling system is above a preset maximum limit; and

a pressure gauge connected to said manifold for displaying the pressure of the pressurized automotive cooling system ~~said pressurized environment~~.

12. (original) The system of claim 11 wherein said low pressure alert display is an LED display.

13. (original) The system of claim 11 wherein said high pressure alert display is an LED display.

14. (original) The system of claim 11 wherein said pressure gauge is a mechanical pressure gauge.

15. (original) The system of claim 11 wherein said pressure gauge is an analog pressure gauge.

16. (original) The system of claim 11 wherein said pressure gauge is a digital pressure gauge.

17. (original) The system of claim 11 wherein said pressure gauge includes:
a fluorescent dye with an ultraviolet light source.

18. (amended) The system of claim 11 wherein the pressurized automotive cooling system ~~said pressurized environment~~ includes:

a coolant system for an internal combustion engine.

19. (amended) A method of monitoring the state of a pressurized automotive cooling system ~~environment~~, said method comprising the steps of:

providing a low pressure switch for ~~monitoring the low~~ sensing when the pressure of the pressurized automotive system is below a preset minimum limit ~~said environment~~;

providing a low pressure alert display connected to said low pressure switch for displaying an alert when ~~said environment~~ the pressurized automotive system is below a preset lower limit;

providing a high pressure switch for ~~monitoring the high~~ sensing when the pressure of said environment is above a preset maximum limit; and

providing a high pressure alert display connected to said high pressure switch for displaying an alert when ~~said environment~~ is above a preset maximum ~~high~~ limit.

20. (amended) The method of claim 19 wherein said method further comprises:

providing a pressure gauge for displaying the pressure of the pressurized automotive cooling system ~~said environment~~.

21. (Canceled)

22. (Canceled)